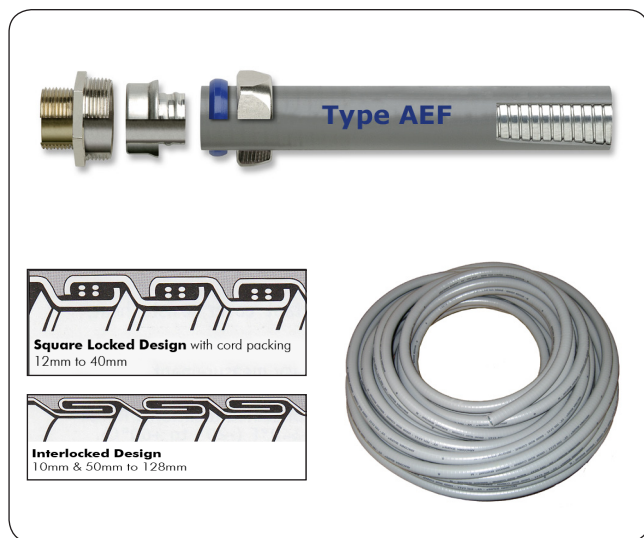


5.1 ANACONDA FLEXIBLE METAL CONDUIT

5.1.2 AEF TYPE CONDUIT - ANACONDA



Applications	Provides cable protection in harsh environments
Function	Provides dust and liquid tight protection of cables
Features	<p>Extra flexible all-purpose wiring conduit with galvanised steel core</p> <p>Durable, sunlight resistant, grey thermoplastic PVC cover</p> <p>Uses standard liquid-tight fittings for easy installation</p> <p>Smooth appearing cover for exposed applications with convenient markings in feet</p> <p>No copper ground wire</p>
Approvals	IP67 rating when installed with approved connectors
Temperature Range	-15°C to +60°C

TECHNICAL DATA:

CLASSIFICATION	VALUE	DESCRIPTION
Compression resistance	4	Heavy (1250 N)
Impact resistance	4	Heavy (6J)
Minimum temperature	3	-15°C
Maximum temperature	1	+60°C
Bending resistance	4	Flexible
Electrical properties	3	With continuity and insulating characteristics
Resistance to ingress of solid Foreign objects (I)	6	Protected against dust (dustproof)
Resistance to ingress of water (P)	7	Watertight (1 metre deep, 30 min.)
Corrosion resistance Inside/outside	3	Medium/High
Tensile Strength	4	Heavy (1000 N)
Resistance to flame propagation	1	Non-flame propagating
Suspended load capacity	0	None declared

*For extended classification info see page 78

SPECIFICATIONS:

PART NUMBER	CONDUIT SIZE		INSIDE DIAMETER (mm)	OUTSIDE DIAMETER (mm)	APPROX INSIDE BEND DIA (mm)	WEIGHT (KG/30M)	THREAD SIZE (mm)	LENGTH (M)	SUITABLE FITTING PART NUMBER		
	mm	INCHES							STRAIGHT	45°	90°
AEF14-15	10	¼	6.2	11.3	43.2	6.3	10	15	N/A	N/A	N/A
AEF16-15	12	5/16	9.9	14.2	50.8	6.8	12	15	N/A	N/A	N/A
AEF38-15	16	3/8	12.3	17.5	50.8	9.5	16	15	C16/M16 C16/M20	C16/M16/45A C16/M20/45A	C16/M16/90A C16/M20/90A
AEF38-30	16	3/8	12.3	17.5	50.8	9.5	16	30	C16/M16 C16/M20	C16/M16/45A C16/M20/45A	C16/M16/90A C16/M20/90A
AEF12-15	20	½	15.7	20.8	63.5	11.3	20	15	C20/M20	C20/M20/45A	C20/M20/90A
AEF12-30	20	½	15.7	20.8	63.5	11.3	20	30	C20/M20	C20/M20/45A	C20/M20/90A
AEF34-15	25	¾	20.7	26.2	76.2	17.7	25	15	C25/M25	C25/M25/45A	C25/M25/90A
AEF34-30	25	¾	20.7	26.2	76.2	17.7	25	30	C25/M25	C25/M25/45A	C25/M25/90A
AEF100-15	32	1	26.2	32.8	101.6	23.1	32	15	C32/M32	C32/M32/45A	C32/M32/90A
AEF100-30	32	1	26.2	32.8	101.6	23.1	32	30	C32/M32	C32/M32/45A	C32/M32/90A
AEF114-15	40	1¼	34.7	41.5	114.3	29.9	40	15	C40/M40	C40/M40/45A	C40/M40/90A
AEF112-15	50	1½	40.0	47.4	139.7	47.2	50	15	C50/M50	C50/M50/45A	C50/M50/90A
AEF200-15	63	2	51.3	59.5	177.8	61.7	63	15	C63/M63	C63/M63/45A	C63/M63/90A
AEF300	95	3	77.9	87.9	381.0	115.7	95	7.62	B21013000	N21013000	L21013000
AEF400	128	4	101.6	113.3	431.8	164.2	128	7.62	B21014000	N21014000	L21014000

Note: Larger sizes of conduit available upon request, however lead times apply. Spare grounding cones and seals also available e.g. CT/M20 for 20mm grounding cone and CTS/M20 for 20mm seal. # All dimensions in mm unless otherwise specified.